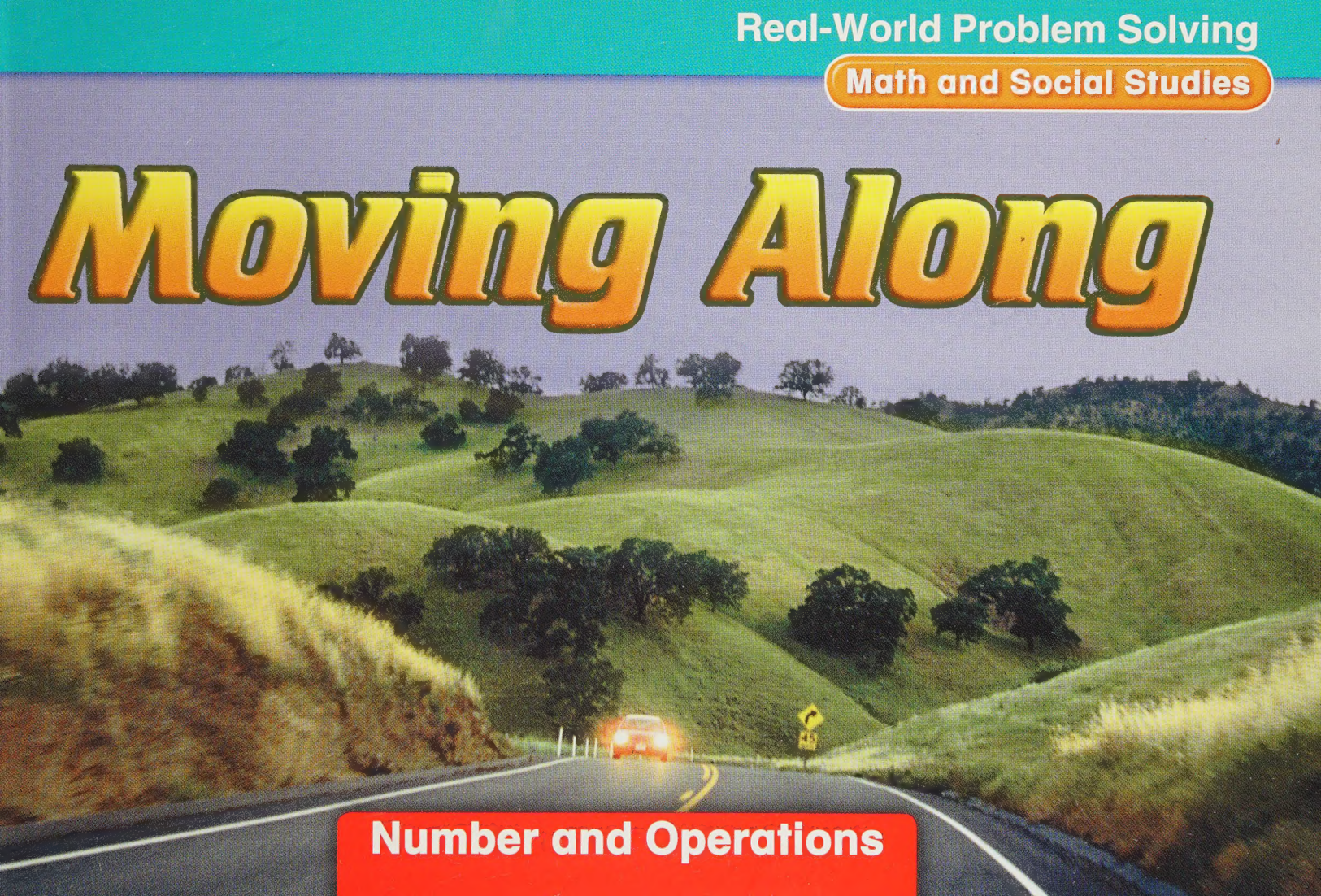
Real-World Problem Solving

Math and Social Studies

Moving Along



Number and Operations

About the Cover

Why might people drive across the country?

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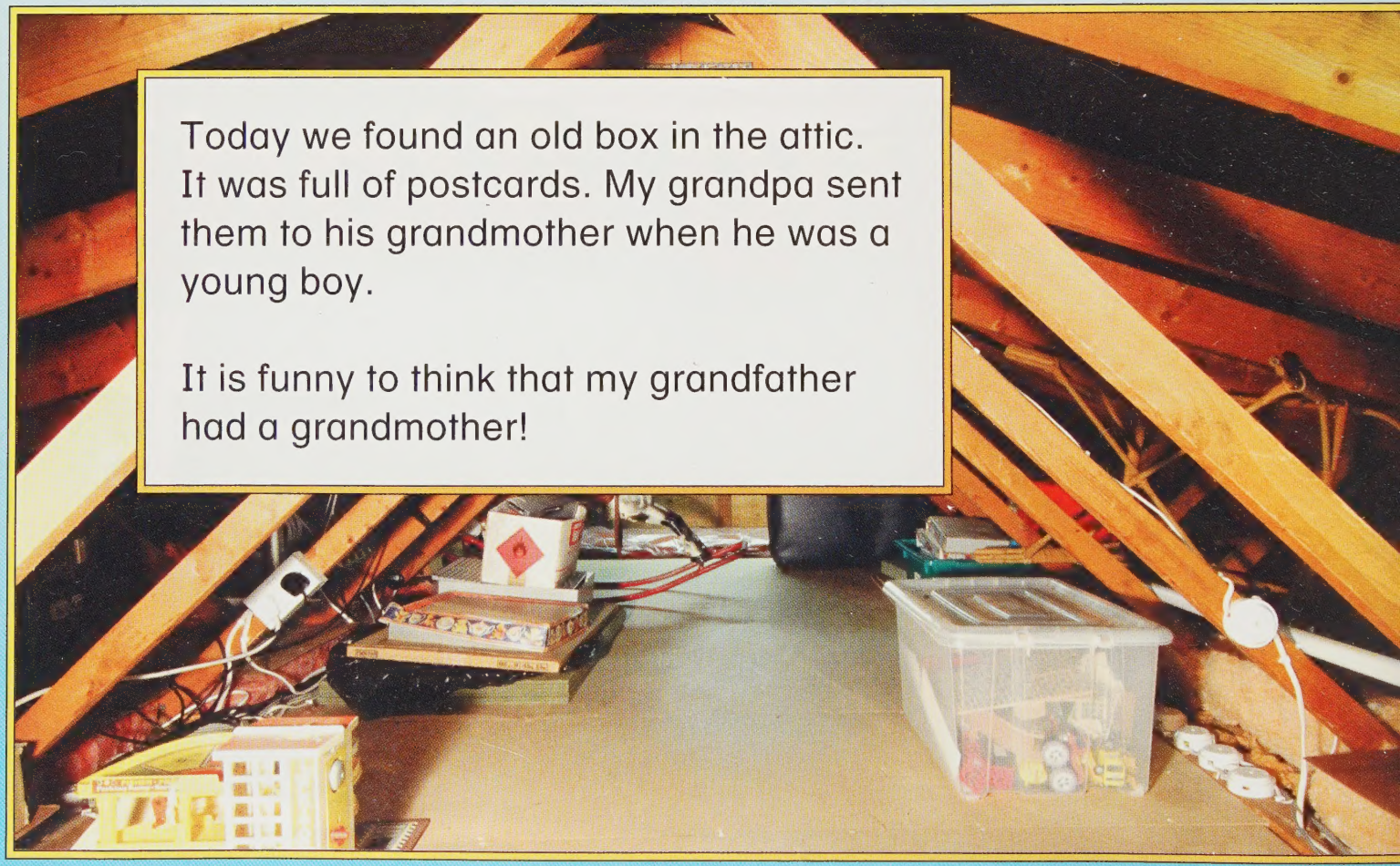
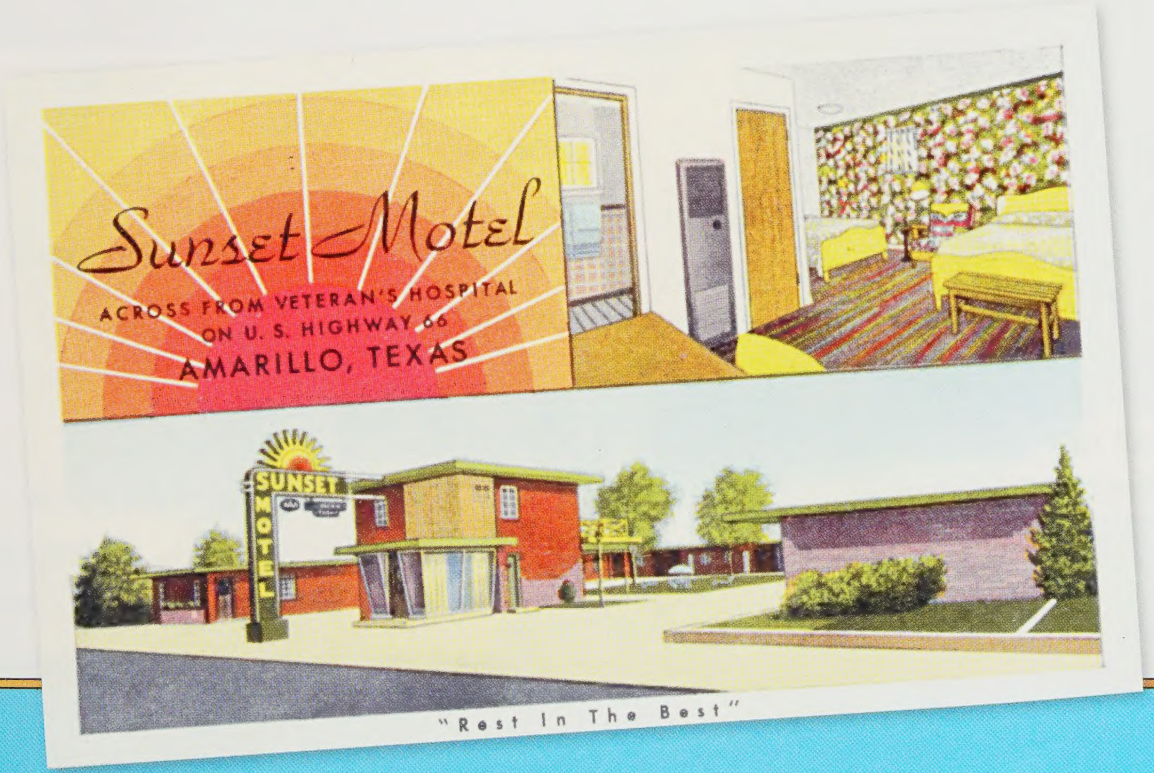
Moving Along



Today we found an old box in the attic. It was full of postcards. My grandpa sent them to his grandmother when he was a young boy.

It is funny to think that my grandfather had a grandmother!

My grandpa was born in Oklahoma.
In 1950, his family moved to Los Angeles, California.
They went in a car. The trip took the family one whole week.



Back then, Route 66 was the country's most important highway. It went from Chicago to Los Angeles.

My grandpa's family traveled along this road to California.

Did You Know?

Route 66 was 2,278 miles long. About how many inches long is Route 66 on this map?

The trip began in Hydro (HIY droh), Oklahoma.
They traveled 198 miles to Amarillo (am uh RILL oh), Texas,
on the first day. They had more than 1,000 miles to go!

Look at the states of Texas and Oklahoma.
Can you guess which state has the bigger area?

Dear Gram and Pop,

We spent last night in Amarillo. Today we passed the halfway mark of Route 66. It is Texas. What a big state!

It is about 250 miles from Hydro to Adrian. We hope to drive another 250 miles before sundown!

Love,
Max

Gram and Pop Marks

Hydro, Oklahoma

How many total miles will Max travel by sundown?

The family stopped to hike on the way to Albuquerque (AL buh ker kee), New Mexico. While they were hiking, they found pictures on rocks. I'd like to see these rocks someday!

How many miles is it from Hydro, Oklahoma, to Arizona?

Dear Gram and Pop,

Today, we went hiking in Albuquerque, New Mexico. We found all sorts of pictures carved in the rocks along the trail. A man at a gas station said they are petroglyphs.

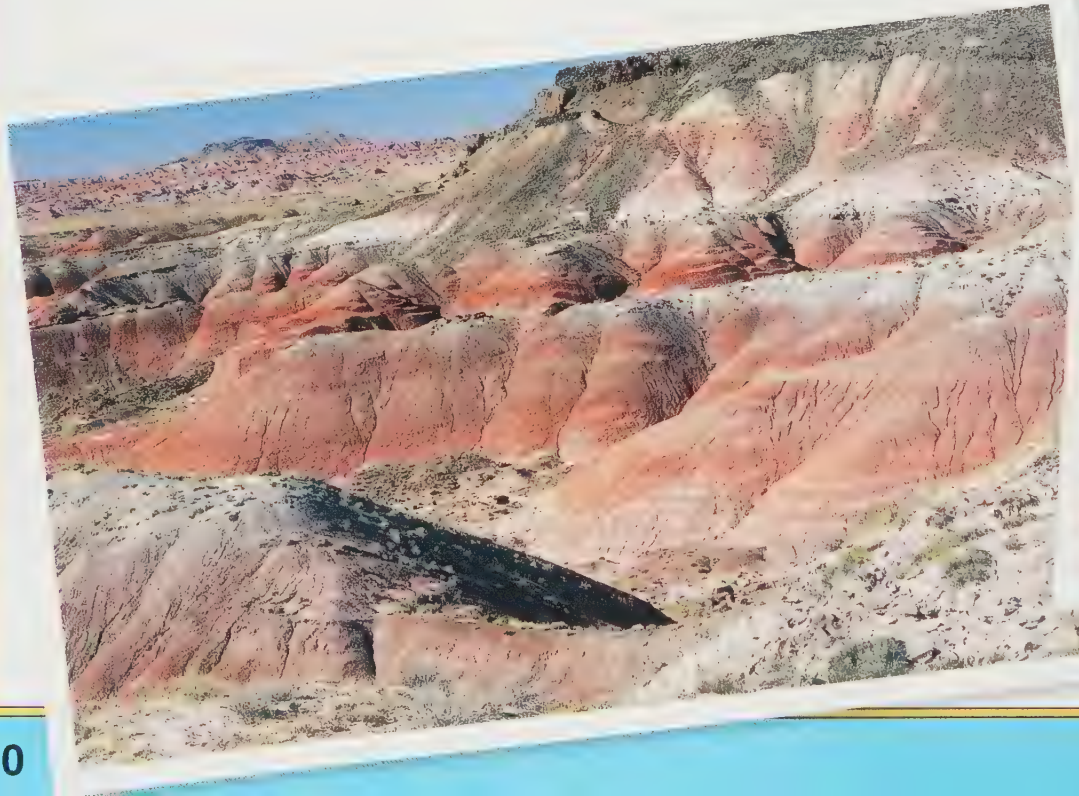
From Hydro to Albuquerque is about 500 miles. We still have another 160 miles to drive before we reach Arizona.

Love,
Max

Gram and Pop Marks

Hydro, Oklahoma

I am going to ask Dad to take us along Route 66.
I want to see some of the places that are on
the postcards!



Petrified Forest, Arizona

Dear Gram and Pop,

Today, we visited the Petrified Forest in Arizona. We saw fossils of plants and animals from millions of years ago. At that time, dinosaurs still roamed the Earth.

I wish you could have been here to see it!

Love,
Max

Gram and Pop Marks

Hydro, Oklahoma

The next day they arrived in Williams, Arizona.

The largest group of Ponderosa pine trees is in Williams. The trees grow to be about 160 feet tall.

A fully-grown Ponderosa pine is about as tall as the Statue of Liberty.

Dear Gram and Pop,

Today we saw a forest of Ponderosa Pines in Williams, Arizona. Most Ponderosa pines live to be about 125 years old. With a little luck, some healthy Ponderosa pines live 75 years longer than that. Do you know how old that is?

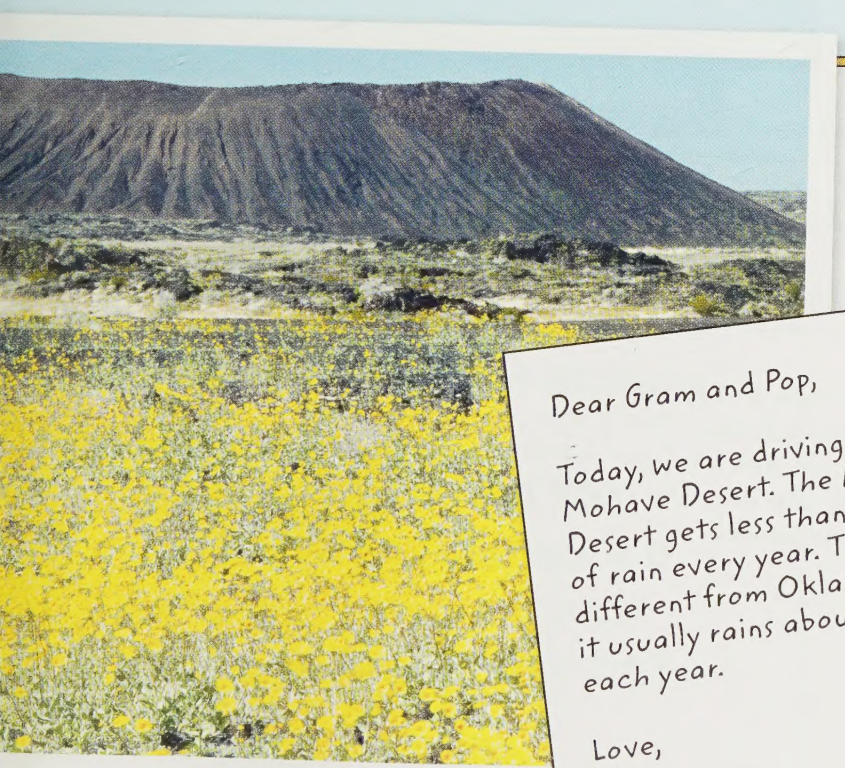
Love,
Max

Gram and Pop Marks

Hydro, Oklahoma

A Ponderosa pine's pinecone is between 5 and 10 centimeters long.

The trip was almost over when the family arrived in Amboy, California. Amboy is in the Mohave (MOE hah vee) Desert. In the Mohave Desert it can be as hot as 130°F during the day. At night it can be as cold as 10°F!



Dear Gram and Pop,

Today, we are driving through the Mohave Desert. The Mohave Desert gets less than 4 inches of rain every year. That is very different from Oklahoma, where it usually rains about 30 inches each year.

Love,
Max

Gram and Pop Marks

Hydro, Oklahoma

Dear Gram and Pop,

We finally arrived in sunny California. What a great trip!

Los Angeles is a very large city compared to Hydro. There is so much to see and do. I can hardly wait until you are able to visit us in our new home!

Love,
Max

Gram and Pop Marks

Hydro, Oklahoma

Real-World Problem Solving

1. Look at pages 3 and 4. About how many miles is it from Chicago to Tulsa, Oklahoma? How did you find the answer?

2. Look at page 6. Find the map key. If you measure a distance of 2 inches, how many miles would that be?

3. Look at page 9. How many miles is it from Hydro, Oklahoma, to Arizona? How do you know?

4. Look at page 14. How many degrees below freezing can it be at night in the Mohave Desert (freezing = 32° Fahrenheit)?

5. Look at page 15. How many inches does it rain in Oklahoma each year? How could you find the number of feet and inches?

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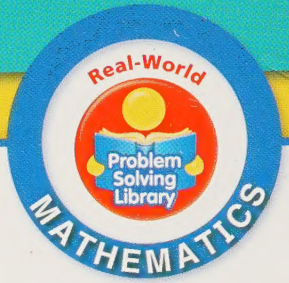

Math and Science

Life Cycles
A Magnet's Strength
How Many Seeds?
Tracking Snow
Kitchen Math
Homes of All Shapes
Fossils Over Time
Animals Big and Small

Math and Social Studies

Baseball's Hero
Our Grandma's Life
The Green Cafe
Geese on the Go
Lady Liberty
A Mountain of Presidents
▶ Moving Along

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